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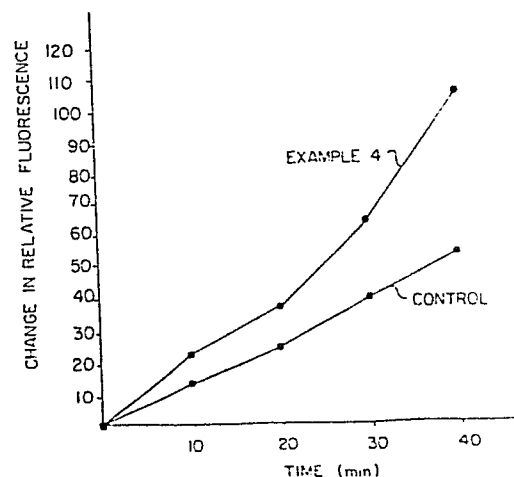
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(54) **Composition, element and method using polymeric mordants to increase the intensity of rigid fluorescent dyes.**

(57) Cationic and anionic polymeric mordants are used with rigid phenalene, benzphenalene or 4-oxo-4H-benz-[d,e]-anthracene fluorescent dyes or precursors thereof to increase fluorescence intensity. Compositions and analytical elements containing the mordants and dyes or dye precursors are useful in biological studies, such as cell and tissue staining and cell cytometry, and in analytical determinations for various analytes, e.g. living organisms.

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	CHEMICAL ABSTRACTS, vol. 98, no. 7, 14th February 1983, page 622, abstract no. 53364b, Columbus, Ohio, US; R.C. HADDON: "Benzannelated 9-hydroxyphenaleones" & AUST. J. CHEM. 1982, 35(8), 1733-8 * Abstract *	1-5	C 09 B 3/00 C 09 B 57/00 C 12 Q 1/04 G 01 N 33/52 // G 01 N 1/30
D,Y	US-A-4 069 017 (TAI-WING WU et al.) * Whole document *	1-5	
Y	NL-A-7 302 561 (FARBWERKE HOECHST AG) * Whole document *	1-5	
A	EP-A-0 190 740 (EASTMAN KODAK CO.)		
A	EP-A-0 131 511 (EASTMAN KODAK CO.)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
Place of search THE HAGUE			Date of completion of the search 30-05-1989
Examiner CARTAGENA Y ABELLA P.			
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			